

PROGRAM

```
#include <ESP8266WiFi.h>
#include <WiFiClient.h>

//ESP Web Server Library to host a web page
#include <ESP8266WebServer.h>

const char index_html[] PROGMEM = R"====(<!DOCTYPE HTML>
<html>
<head>
<title>SMARTHONE</title>
<style type="text/css">
#myHeader{
    text-align: center;
    padding: 40px;
    font-size: auto;
}

#template{
    height: auto;
    width : 960px;
    margin: 10px auto;
}
#header{
```

```
height:150px;
width: 960;
border: 1px solid;
border-radius: 5px 5px 5px 5px;
background-color: #1E90FF;
}
```

```
#BASE {
    height: auto;
    width: 10px;
}
#menu{
    height: 25px;
    width: 960px;
    border: 1px solid #000;
    margin: 5px 0 5px 0;
}
#atur{
    text-align: center;
    font-size: auto;
}
#content{
    height: 480px;
    width: 960px;
}
#left-content{
```

```
height: 100%;  
width: 49.5%;  
border: 1px solid #000;  
float: left;  
background-color: magenta;  
border-radius: 5px 5px 5px 5px;  
}
```

```
.KICKOFF{  
height: 20%;  
width: 60;  
margin: 60px auto;  
background-color: yellow;  
font-size: auto;  
font-style: oblique;  
}
```

```
.tombo1{  
height: 20%;  
width: 60;  
margin: 60px auto;  
background-color: red;  
font-size: auto;  
font-style: oblique;  
}
```

```
.FREEKICK{  
height: 20%;  
width: 60;
```

```
margin-bottom:auto;
background-color: yellow;
font-size: auto;
border-radius: 5px 5px 5px 5px;
font-style: oblique;
}
```

```
.THROWIN{
height: 20%;
width: 60;
margin-bottom:auto;
background-color: yellow;
font-size: auto;
border-radius: 5px 5px 5px 5px;
font-style: oblique;
}
```

```
.GOALKICK{
height: 40%;
width: 60;
margin-bottom:auto;
background-color: yellow;
font-size: auto;
border-radius: 5px 5px 5px 5px;
font-style: oblique;
margin: 50px;
}
```

```
.PENALTY{
```

```
height: 20%;  
width: 60;  
margin-bottom:auto;  
background-color: yellow;  
font-size: auto;  
border-radius: 5px 5px 5px 5px;  
font-style: oblique;  
}
```

```
.CORNERKICK{  
height: 20%;  
width: 60;  
margin-bottom:auto;  
background-color: yellow;  
font-size: auto;  
border-radius: 5px 5px 5px 5px;  
font-style: oblique;  
}
```

```
.STOP{  
height: 40%;  
width: 180;  
background-color: yellow;  
font-size: auto;  
border-radius: 5px 5px 5px 5px;  
font-style: oblique;  
margin: 50px 30px;  
}
```

```
.START{  
    height: 20%;  
    width: 90;  
    margin-bottom:auto;  
    background-color: yellow;  
    font-size: auto;  
    border-radius: 5px 5px 5px 5px;  
    font-style: oblique;
```

```
}
```

```
#right-content{  
    height: 100%;  
    width: 49.5%;  
    border: 1px solid #000;  
    border-radius: 5px 5px 5px 5px;  
    float: left;  
    margin-left: 3px;  
    background-color: cyan;  
}
```

```
.tombo2{  
    height: 10%;  
    width: 60;  
    margin-top: 60px auto;  
    background-color: red;  
    font-size: auto;
```

```
}  
.logo1{  
height: auto;  
width: auto;  
float: right;  
}  
</style>  
</head>  
<body>  
<div id="template">  
<div id="header">  
  
<h1 id="myHeader"> KIRANA SRIWIJAYA </h1>  
</div>  
<div id="menu">  
</div>  
<div id="content">  
<div id="left-content">  
<a href="S"><button class="START">START</button></a>  
<a href="K"><button class="KICKOFF">KICK OFF</button></a>  
<a href="C"><button class="CORNERKICK">CORNER KICK</button></a>  
<a href="F"><button class="FREEKICK">FREE KICK</button></a>  
<a href="T"><button class="THROWIN">THROW IN</button></a>  
<a href="GK"><button class="GOALKICK">GOAL KICK</button></a>  
<a href="T"><button class="STOP">STOP</button></a>  
</div>
```

```

<div id="right-content">
  <a href="s"><button class="START">START</button></a>
  <a href="k"><button class="KICKOFF">KICK OFF</button></a>
  <a href="c"><button class="CORNERKICK">CORNER KICK</button></a>
  <a href="f"><button class="FREEKICK">FREE KICK</button></a>
  <a href="t"><button class="THROWIN">THROW IN</button></a>
  <a href="gk"><button class="GOALKICK">GOAL KICK</button></a>
  <a href="t"><button class="STOP">STOP</button></a>

  <b>

</div>
</div>
</body>
</html>)<====";

```

```

//SSID and Password of your WiFi router
const char* ssid = "KIRANA";
const char* password = "kirana18";
ESP8266WebServer server(80);

void handleRoot() {
  Serial.println("DATA YANG MASUK");
  String s = index_html; //Read HTML contents
  server.send(200, "text/html", s); //Send web page
}

void startm() {
  Serial.print("s");

```



```
server.send(200, "text/html", "ON");  
// digitalWrite(STARTM, LOW);  
}  
void stopm() {  
  Serial.println("t");  
  server.send(200, "text/html", "ON");  
}  
void startc() {  
  Serial.println("S");  
  // digitalWrite(STARTC, LOW);  
  server.send(200, "text/html", "ON");  
}  
void kickoffc() {  
  Serial.println("K");  
  server.send(200, "text/html", "ON");  
}  
void kickoffm() {  
  Serial.println("k");  
  server.send(200, "text/html", "ON");  
}  
void stopc() {  
  Serial.println("T");  
  server.send(200, "text/html", "ON");  
}  
void setup(void){  
  Serial.begin(115200);
```

```
WiFi.begin(ssid, password);  
Serial.println("");  
  
while (WiFi.status() != WL_CONNECTED) {  
    delay(500);  
    Serial.print(".");  
}  
  
Serial.println("");  
Serial.print("Connected to ");  
Serial.println(ssid);  
Serial.print("IP address: ");  
Serial.println(WiFi.localIP());  
  
server.on("/", handleRoot);  
server.on("/s", startm);  
server.on("/k", kickoffm);  
// server.on("/c", cornerkickm);  
// server.on("/f", freekickm);  
server.on("/t", stopm);  
server.on("/S", startc);  
server.on("/K", kickoffc);  
server.on("/T", stopc);
```

```
server.begin();          //Start server
Serial.println("HTTP server started");
}

void loop(void){
    server.handleClient();    //Handle client requests
}
```